

# Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar-03

## ANNUAL QUALITY ASSURANCE REPORT (2009-2010)

### Part A

**What is the plan of action chalked out by IQAC in the beginning of the year towards quality enhancement and what is the outcome by the end of the year?**

Smt. Chandibai Himathmal Mansukhani College, established in 1965, is continuing its journey towards achieving excellence in different fields like academics, research, sports, infrastructure, social commitment and an overall development.

*Plan of Action chalked out by IQAC and its outcome-*

- ***To provide the students with need based courses-***

The Department of Botany which was granted Research recognition by the University of Mumbai, enrolled 03 students for M.Sc.(by Research) and 03 students for PhD degrees. Students were registered under Dr. SV Namboothiry (01/M.Sc), Dr. S. Vaidya (02/M.Sc) and Dr. A. Rai (03/ PhD).

Postgraduate course in Commerce was started for the benefit of the students residing in the suburbs.

An Advanced Certificate Course in Clinical Research was introduced. Clinical research is an upcoming field and presently courses in the field are conducted by institutes situated in Mumbai and are also very expensive. The course was started keeping this in mind, for the students of the suburbs and is also economically viable.

M.Phil. in Economics, English, Environmental Sciences, Library Science, Marathi and Psychology affiliated to the YCMOU was started to benefit the teachers and students of the suburbs.

- ***To ensure adequate facilities for the students of marginalized and depressed classes to continue with higher education***

Total 330 students availed EBC facility. The amount spent on Students Aid Fund was Rs. 2,17,785/- against the collection of Rs.2,34,500/-.

The College has an active Remedial Coaching Center sponsored by the UGC wherein students of minority communities (Sindhi, Muslims, Buddhists, Sikhs, Christians and Parsees) are given extra remedial coaching to improve their academic performance at the University examinations. The Remedial Coaching classes are language based and subject based.

▪ ***To vigorously promote sports activities***

Excellent infrastructure facilities have been provided for motivating talent. As a measure to improve the performance following measures are taken.

All students who turn up for regular practice are with Diet Allowance of Rs.200/-(university level) and Rs. 300/-(state level) per month. This is provided till the date of the tournament or a maximum period of seven months.

These students have been provided modern equipments for the use.

To hone the skills of the budding performers we have appointed qualified coaches for Athletics, Football and Yoga. Their services are available throughout the practice session.

Railway concessions are provided to students going for advanced training and or attending coaching camps in and around Bombay city limits.

In the academic year 2009-2010: 18 Students were selected to represent University of Mumbai in the Inter-University Tournaments, 02 students were selected to represent State of Maharashtra for National Sports events.

Three students were selected to Represent India in Power Lifting, Yoga, and Fencing competitions.

An increasing trend of participation has been observed: in Degree College 28 events (Men & Women) & in Junior College 25 events (Boys & Girls). Following events were organized:

\* Ball-Badminton - Thane District & Mumbai Division Inter School & Junior.

\* Handball - Thane District Inter School & Junior. (110 Teams participated.)

**Total Points College received at University of Mumbai -320**

▪ ***To ensure that classroom teaching/learning experiences are supplemented with community oriented activities***

The N.S.S. Unit has played a key role in inculcating social concern in students. Prof. Ruby Kuriokose, NSS Program Officer has been appointed a contingent leader and represented Mumbai University at Ooty (26/02/10 – 05/03/10) with 10 students from different colleges. They won the award of best performance. Ms.Nikita Borade and Ms. Amita Sharma (S.Y.B.Sc.) attended summer National camp at Chennai (05/05/10-11/05/10).

UGC - sponsored Women Studies Centre: The main highlight of the Women's Studies Center is the Adult Education Program (AEP) in collaboration with the YCMOU, under which women school drop-outs are motivated and sponsored to take up mainstream. The main highlight of the WSC is the Adult Education Program (AEP) in collaboration with the YCMOU, under which women school drop-outs are motivated and sponsored to take up mainstream education again. Following activities were conducted during 2009-10.

**MAR 2010:** Celebration of a week long program, “An International Women’s day”  
`SAMRUDDHI` . EQUAL RIGHTS, EQUAL OPPURTUNITIES, PROGRESS FOR ALL

**FEB - MAR 2010:** Counseling and enrollment of Adult women at YCMOU – Xth batch of  
AEP To enhance literacy level of adult women

GSC consistently organizes Bhajan Prabhats in the college on various occasions. The world-  
renowned Gandhian Center, Bombay Sarvodaya Mandal, Mumbai has been actively  
associated with the GSC of the college.

Chandi Utsav is the annual student centric college festival, which seeks to explore the  
hidden talent of students in performing arts like theatre, dance, music and literature. It  
provides an opportunity to small-scale women entrepreneurs to exhibit and market their  
products. Every year the entire proceeds of Chandi Utsav are donated to Shantivan Ashram,  
a Home for Leprosy patients and the Aged. The College has been celebrating the Diwali  
Festival at Shantivan for the past six years.

Gaurav Diwas has been conceptualized to commemorate the spirit of the republic nature of  
the Indian nation, and the adoption of the Constitution of India in 1950, which confers on all  
of us the right to be the citizens of this free nation. On Gaurav Diwas, the college honors the  
living legends of India for their contribution to public life after independence.

- ***To encourage faculty and students to take up research work/projects at various levels***

Six teachers have received University of Mumbai Research Grant.

Three teachers have received UGC research Grant

Twelve Ongoing Research projects

### **Part B:-**

#### **1. Activities reflecting the goals and objectives of the institution**

- a) Establishment of new research centres
- b) Introduction of Post Graduate courses in Clinical Research
- c) Post Graduate M.A. courses in seven subjects
- d) M.Phil courses in seven subjects affiliated to YCMOU
- e) Participation of teachers in university bodies
- f) Establishment of language laboratories
- g) Collaboration with American Library , British Council Library and Indian Merchants’  
Chamber
- h) Examination Reforms
- i) Organization of Workshops and Seminars including an International Conference

- j) Organization of Human Rights week , Gaurav Divas and Chandi Utsav
- k) Continuing excellent performance in sports
- l) Good academic results
- m) Minor Research Projects of the UGC and University of Mumbai
- n) Collaboration with national and international academic agencies
- o) Citation of Research of faculty
- p) Computerization of administration and Library facilities
- q) Infrastructure augmentation
- r) Augmentation in Health Services
- s) Outreach and extension Services of NSS and NCC , and continuing programmes of Women's Studies Centre and Gandhian Studies Centre
- t) Financial Assistance to students

## **2. New academic programmes initiated (UG and PG)**

### **New academic programs initiated during the academic year 2009-10**

- The Department of Botany which was granted Research recognition by the University of Mumbai, enrolled 03 students for M.Sc.(by Research) and 03 students for PhD degrees. Students were registered under Dr. SV Namboothiry (01/M.Sc), Dr. S. Vaidya (02/M.Sc) and Dr. A. Rai (03/ PhD).
- Departments of Microbiology and Chemistry have been conducting MSc programmes for last 03 decades. Department of Microbiology, who ushered research culture into the college, has been conducting research programmes leading to both M.Sc. and PhD degrees. Departments of Physics, Botany, Hindi and English also offer Ph.D programmes for scholars.
- Postgraduate course in Commerce was started for the benefit of the students residing in the suburbs.
- An Advanced Certificate Course in Clinical Research was introduced. Clinical research is an upcoming field and presently courses in the field are conducted by institutes situated in Mumbai and are also very expensive. The course was started keeping this in mind, for the students of the suburbs and is also economically viable. There has been a very good response with 32 students having completed their course and more than 50% getting placed immediately before receiving their certificates. Dr. Vinay Deshmukh (Ex-FDA) and Dr.

Chandra Babu (Novartis India Ltd.) were the consultants for the course. Experts from various fields from the Industry and academics are the faculties for the course.

- M.Phil. in Economics, English, Environmental Sciences, Library Science, Marathi and Psychology affiliated to the YCMOU was started to benefit the teachers and students of the suburbs.

### **3. Innovations in curricular design and transaction.**

The faculty from the college has been enthusiastically contributing innovatively in the process of curricular designing. The academic bodies of the University have evolved to include teachers at all levels to contribute effectively towards curricular designing and Examination reforms.

Many of our senior teachers have been consistently participating at various levels as a member of Board of studies and other academic bodies at the University of Mumbai.

- a) Mr. Kapse from the Department of Commerce is a member of the Board of Studies since 2006-07.
- b) Dr Surendra Prasad, Head, Department of Hindi has been an active member of the Board of studies since 2005.
- c) Mr. GV Rao, also from the Commerce Department was inducted as a member of the Board of Studies
- d) Ms. S R Bhagwat, Department of Microbiology is a member of the Board of Studies and Convener for FY BSc syllabus and A/C (Biotechnology) designing. The new syllabus is to be introduced in 2008-09
- e) Ms. Radha Seth, Department of Psychology was nominated to the Board of Studies as a Non-Head member.
- f) Mr. B.D.Chakradeo and Mr. Y.P.Jadhav have worked in the revised syllabus committee of University of Mumbai for F.Y and S.Y.BSc Physics papers and Applied Components paper at T.Y. level.
- g) The teachers from all faculties participated in the syllabus based workshops organized in different colleges of University of Mumbai during this academic year with an active involvement to incorporate innovations in it.
- h) Active Collaboration of American Library, Regular membership towards “British Council Library”, Membership for “Indian Merchant Chambers” has helped in the transaction of the curriculum with Practical approach both at UG and PG levels.

#### **4. Inter – disciplinary programmes started.**

The College has encouraged interdisciplinary links at various levels for academic growth and integrity. Various proposals are under way to introduce these programmes effectively.

- a) The language laboratory funded by UGC has immensely benefited the students of various disciplines in the improvement of their communication skills.
- b) Department of Microbiology, Zoology and botany have the best-integrated approach with sharing of knowledge and expertise in various levels of teaching and Research work.
- c) Computer Science Department, Maths Department, Physics Department, I T. Department and Commerce faculty have coordinated and interacted to facilitate generation of the best possible knowledge for the benefit of the student. The seminar, contests held by Physics and Maths Departments for students help them to learn new trends in science and apply new technology for effective presentation of the same.
- d) The professional courses of BMS, BSc IT, BMM and BSc Computer Science have their study link well established.
- e) Science Association, an established forum of Science faculty holds various activities and competition involving the teachers and students of both degree and Junior college. This has been a successful programme every year with active participation from teachers and students. Intercollegiate competitions are also a regular feature.
- f) Commerce Association and Arts forum organizes various activities to facilitate academic and extracurricular activities where students of various departments participate regularly.

#### **5. Examination reforms Implemented**

The college conducts examinations for all courses, which is systematically managed and monitored by a statutory committee appointed, consisting of a chairman and teachers as members from all faculties.

- a) Tutorial tests were conducted regularly by the teachers to improve the performance of students.
- b) Regular terminal, term end and preliminary examinations were conducted specially for the final year degree students.
- c) Intensive Coaching and Intensive Interaction was part of the Pre and Post examination process.
- d) The teachers were involved in giving necessary guidance to students to write and prepare for the examination through discussions and interaction rather than a lecture type teaching.

- e) The confidentiality in the entire process of Examination was maintained with a foolproof system for printing Question papers as well as preparation of results in house.
- f) The central assessment cell was set up for the assessment of answer books so that the results are declared in time.
- g) The Examination time schedule is given to the students in advance for the declaration of results.

**6. Number of candidates qualified: NET/ SET.**

NET = 06

SET = 18

**7. Total number of seminars/ workshops conducted.**

**A number of workshops and seminars were organized in the current academic year.**

- a) In the month of June and July 2009 a three days workshops on “FOLK MEDIA & FOLK THEATRE” was organised For Peer Trainers Enlisted through Women’s Studies Centre of Smt CHM College.
- b) In the month of August 2009 an analysis of Survey “Education for All” was done.
- c) In the month of October 2009 college had organised an Anaemia drive- Blood screening and survey on Nutritional habits among the college students were done.
- d) In the month of December 2009 college organised its annual program to observe “Human rights week” titled “Victories of peace” in association with Women Development Cell, American centre, Ulhasnagar Municipal Corporation, Gandhian Studies Centre, National Service Scheme volunteers, Science association and the Department of Mass Media.
- e) It focused on Talks by Eminent scholars on Human rights issues, Energy Conservations Debate and Elocution competition, Film shows on “HUMAN RIGHTS ISSUES”, Poster competition, Panel Discussion, Essay Competition, Awareness programs on health issues and Health checkup programs.
- f) In the month of March 2009 Seminar on “Importance of Education” was organised.
- g) **Workshop by the Department of Biotechnology** was organised titled “Hands on Basic Techniques of Molecular Biology” from 24-28 January 2010.
- h) **Department of Business Management** organized **National Seminar** on “Management in 21<sup>st</sup> Century”, on Saturday March 6<sup>th</sup>, 2010. Seminar was organized to comprehend the constraints associated with various dimensions of management in the contemporary global

arena. Students from various Commerce, Management and engineering Colleges and universities participated in this seminar. 24 Research Papers, 14 posters and 7 Business Plans were presented by around 60 participants from Ulhasnagar, Mumbai, Pune, Goa, Delhi, Bangalore and Kolkata. The main objective of this seminar was to comprehend the theme with inculcation of some basic research culture among the students which is the need of an hour.

- i) **Department of Business Management Studies** organized an event titled as “**JOY OF GIVING WEEK**” between 26<sup>th</sup> and 31<sup>st</sup> October, 2009. This main aim of this community outreach programme was to spread the joy and pleasure among the underprivileged masses of the society by making them aware regarding certain social contemporary issues. Students of F.Y.BMS who were 112 in number participated in this event. Ten groups were formed consisting of 10 to 11 members in each group and two groups were assigned with one camp of Ulhasnagar or adjoining area of Ambernath. The groups visited orphanages, chawls, old age homes, community centres, Ashrams and Schools for Blind and physically handicapped in the respective area allotted to them. Each group organized half day program, endeavored at spreading joy with some basic form of learning on issues like AIDS Awareness, Dowry System, Global Warming & Climate Change, Modern Youth Culture, Gender Discrimination and Literacy Awareness.
- j) **Career fare:** A Career Festival was arranged for the students first time in the history of Smt. C. H. M. College .The Career Festival was held for two days, 15<sup>th</sup> & 16<sup>th</sup> of February 2010 with participation of 27 Companies from varied sectors such as IT, Finance, Insurance etc. More than 4000 students of colleges from the cluster were beneficiaries of the fare. It was a judicious amalgamation of the endeavors of college and companies.
- k) To **spread political awareness** among the residents of the city of Ulhasnagar, the students of the **Department of Mass Media** had organized street plays and Poster Exhibition at nine different public places such as Colleges, Public Parks, and Market etc. The basic purpose of the awareness drive as reflected in the theme of the program “ **Right to Vote is not only a right but Duty too**” was to encourage the young voters of the city to participate in large number in the Assembly election held in the year 2009.

## 8. Research projects

### A) Newly implemented

Teachers who have secured University of Mumbai RESEARCH GRANT in 2009-10

| No | Name of the teacher  | Department   | Project no. | Amount [Rs] |
|----|----------------------|--------------|-------------|-------------|
| 1  | Prof Pratima Das     | Chemistry    | ---         |             |
| 2  | Dr Saraswati N.Patel | Microbiology | 69          | 22,500/-    |
| 3  | Dr Jasmeen Patil     | Botany       | 23          | 10,000/-    |
| 4  | Dr Aruna Rai         | Botany       | 21          | 20,000/-    |
| 5  | Dr Radha Seth        | Psychology   | ---         | 15,000/-    |
| 6  | Dr Samuel P.W.       | History      | 269         | 6,000/-     |

Teachers who have secured UGC RESEARCH GRANT in 2009-10

|         |              |  |                       |                                      |            |
|---------|--------------|--|-----------------------|--------------------------------------|------------|
| 2009-11 | Microbiology | Bioinformatics study of Subtilisin     | Ms. Meena Menghrajani | ----                                 | 1,40,000/- |
| 2009-10 | Microbiology | Role of Arthrobacter in Bioremediation | Dr. S N Patel         | Applied in July 2009, awaiting reply | ----       |
| 2009-11 | Physics      | PC simulation for Physics experiments  | Dr. Milind Vaidya     | -----                                | 87,000/-   |

### B) Ongoing Research Project-

| Year | Department   | Title of the project   | Name of the Principal investigator | UOM sponsored | UGC sponsored |
|------|--------------|--|------------------------------------|---------------|---------------|
| 2007 | Botany       | The effect of NaCl salinity on some physiological parameters on four leafy vegetables. | Dr.Aruna Rai                       | -             | Rs.57000/-    |
| 2007 | Botany       | Phytochemical analysis of Spilanthus acmella   | Dr.Sharda Vaidya                   | -             | Rs.75000/-    |
| 2007 | Microbiology | Characterization & Comparative study of Laccases from two different fungi.             | Dr.S.N.Patel                       | -             | Rs.95000/-    |

|      |              |   |                      |             |            |
|------|--------------|---|----------------------|-------------|------------|
| 2007 | Microbiology | Formulation of plant extracts as a topical agent and its in-vitro & in-vivo effects.                            | Dr.Bela N. S. Nabar  | -           | Rs.98000/- |
| 2007 | Mathematics  | Applications of Monte Carlo Simulations   | Ms.Urmila Pillay     | -           | Rs.45000/- |
| 2007 | Microbiology | Bioremediation of Cu by mutated culture   | Ms.S.R Bhagwat       | Rs.20,000/- | -          |
| 2007 | Microbiology | Emerging patterns of resistance amongst GIT bacterial pathogens   | Dr. S N Patel        | Rs.25,000/- | -          |
| 2007 | Botany       | Micropropagation of Caesalpinia boducella pollens   | Dr. Aruna Rai        | Rs.10,000/- | -          |
| 2007 | Botany       | Comparative study of morphological and anatomical variations of root systems.....                               | Dr. Jasmeen Patil    | Rs.10,000/- | -          |
| 2007 | Physics      | Space Weather & Sun-Earth connections   | Dr. Meena Khanna     | Rs.35,000/- | -          |
| 2007 | Chemistry    | Magnetic minerals in soil and sediment  | Ms. Sonia Varandhani | Rs.10,000/- | -          |
| 2007 | Sindhi       | Madan Jhumani ki Shaksyat   | Ms. Sandhya Kundnani | Rs.20,000/- |            |
| 2006 | Microbiology | A comparative study of the effect of the herbal combination on the planktonic and biofilm associated organisms. | Dr.Bela N. S. Nabar  | -           | 81,000     |

### C) Completed

| Year | Department   | Title   | Principal Investigator | UOM sponsored | UGC sponsored |
|------|--------------|---|------------------------|---------------|---------------|
| 2005 | English      | Cultural Landscape of Orrissa....   | Dr. Deepa Mishra       | -             | Rs.25,000/-   |
| 2005 | Mathematics  | Value at Risk ( VaR)  | Ms Urmilla Pillay      | -             | Rs.20,000/-   |
| 2005 | Physics      | Study of Solar Winds and its interaction with earth's magnetosphere.  | Dr. Meena Khanna       | -             | Rs.65,000     |
| 2005 | Physics      | Magnetic properties of ferrofluids having substituted rare earth iron garnets & mixed ferrites                            | Dr.Milind Vaidya       | -             | Rs.89000      |
| 2005 | Physics      | Optical properties of Transition metal doped TiO <sub>2</sub> for photocatalytic application                              | Kavita Bajaj           | -             | Rs.63,000/-   |
| 2006 | Microbiology | Bioremediation of Mercury from waste water using biofilm made up of Mercury resistant organisms isolated from Thane Creek | Dr.Padma V. Deshmukh   | Rs.20000/-    | -             |
| 2006 | Microbiology | Proteomics of Proteases   | Ms. Meena Menghrajani  | Rs.10000/-    | -             |
| 2006 | Botany       | Phytochemical Analyses  | Dr. S.V.Namboothiry    | Rs.20000/-    | -             |
| 2006 | Botany       | Rhizosphere fungi   | Dr. Sharda Vaidya      | Rs.22000/-    | -             |
| 2006 | Physics      | Use of Magnetic Fluids in Applications of Electrical filters-----   | Dr. Milind Vaidya      | Rs.20000/-    | -             |
| 2006 | Psychology   | Effect of Family Environment and Parenting on Adolescent's edjacments   | Jayshree Panicker      | Rs.8000/-     |               |
| 2006 | History      | Role of Sadhu vaswani for Sindhi community  | Renu Sachdev           | Rs.5000       | -             |
| 2006 | Commerce     | Recruitment process in in service sector in India   | Bharti Premnani        | Rs.20000      | -             |

**D) Major Research Project sanctioned to the college.**

- a) Department of Biotechnology of college jointly with the University of Agricultural Sciences- DBT: In collaboration with UAS, Dharwad.  
Exploration of the molecular diversity & insecticidal spectrum of *B. thuringensis* isolates of Western Ghats of India, NE Hills and Himalayan ranges, establishment of repository at UAS, Dharwad, cloning of insecticidal genes from native isolates.  
Total funding: Rs. 98.0 lakhs of which Smt. CHM College received Rs.22.0 lakhs (2005-2009)
- b) Air Monitoring Program under the SAMP of Ulhasnagar and Badlapur sponsored by Maharashtra pollution Control Board in 2005 continued. Total funds- Rs. 4, 40,000/pa.

**9. Patents generated, if any.**

So far the college has not undertaken such activity.

**10. New collaborative research programmes.**

- a) The Department of Physics is continuing its collaboration with the University of Bhavnagar for research activities.
- b) Proposal for Lake Bioremediation project along with the Bhiwandi Municipal Corporation has been approved.

**11. Total research Grants Received from various agencies.**

- a) Grants are received from University of Mumbai = Rs. 73,000/- & U G C = Rs. 2,27,000/- for various MRPs undertaken by the teachers.
- b) DBT project grant of Rs. 5, 00,000/- for Major Research Project in collaboration with UAS, Dharwad.
- c) Rs.4,40,000/- awarded for Air Quality Monitoring under the SAMP by Maharashtra Pollution Control Board.

**12. Number of research scholars.**

- a) There are at present 05 students working towards the completion of their M.Sc. degrees and 03 doing their doctorates in the Department of Microbiology.
- b) Several teachers are working on individual projects on a no grant basis.
- c) In the Department of Physics Dr. Milind Vaidya is a recognized Ph.D. guide while Dr. [Mrs.] Khanna and Dr. Vivek Kale have been granted permission to enroll M.Sc. students under their supervision. 03 research proposals have been approved for Ph.D. registration under Dr. Milind Vaidya 01 for M.Sc. by research under Dr. Mrs. Khanna

- d) Dr. Deepa Mishra, Department of English, has recognised as Research Guide by the University of Mumbai.
- e) 12 students have been registered for Ph.D and 03 for M.Sc. (Research) in Botany under the guidance of Dr. S V Namboothiry, Dr. Aruna Rai and Dr. Sharda Vaidya. Dr. Bhavna Motwani and Dr. J. J. Patil from the Department of Botany are also recognized for research.
- f) 03 scholars are presently working towards their doctorate in Hindi.
- g) 13 students/teachers are presently registered for M.Phil in Environmental Science under YCMOU.

**13. Citation index of faculty members and impact factor.**

The work of the following teachers has been cited by different research workers in their theses or at different points.

- a) Dr. Milind Vaidya (Vice Principal)
- b) Mrs. Jyotika Ozarkar (Vice Principal)
- c) Dr. S. N. Patel (Microbiology)
- d) Dr. P. V. Deshmukh (Microbiology)
- e) Dr. B. Nabar (Microbiology)
- f) Dr Aruna Rai(Botany)
- g) Dr. Sharda Vaidya(Botany)
- h) Dr. Bhavna Motwani(Botany)
- i) Dr. Surendra Prasad (Hindi)
- j) Dr. Charanjeet Kaur (English)

**14. Honors/ Awards to the faculty.**

- a) The Post Graduate Studies and Research Development committee has been focusing on research activities and enthusing teachers to participate actively in Research by taking up projects, pursuing their Ph.D.s
- b) Prof. S. B. Pawar – “Jeevan Deep Gaurav Purskar” Awarded by J.V. Arts Com. & Sc. College Goveli by Kalyan Tahsildar.
- c) Maharashtra Govt. awarded “Gunvant Krida Karyakarta of Thane District.” to Mr. S. B. Pawar for the 2009-10.

- d) It has been the endeavor of Smt. Chandibai Himathmal Mansukhani College to enthuse teachers to undertake research projects and have them approved and financed by University of Mumbai, UGC and other institutions.
- e) The College administration has always provided infrastructure facilities and support to all researchers.
- f) Dr. Charanjeet Kaur **was** Awarded Research Fellowship at the Indian Institute of Advanced Study, Shimla, Himachal Pradesh under the Inter University Research Plan of the University Grants Commission.
- g) Dr. Padma Deshmukh and Dr. Bela Nabar were honoured by Ulhasnagar Municipal Corporation for their work undertaken in collaboration with Ulhasnagar Municipal Corporation
- h) **Award of M. Phil Degree (2009-2010)**

|                    |   |  |
|--------------------|---|--|
| Mr G V Rao         | : | Awarded M Phil Degree by Alagappa University                         |
| Mr Kishore Peshori | : | Awarded M Phil Degree by the STM University, Nagpur, and MBA (YCMOU) |
| Ms Sangeeta Joshi  | : | Awarded M Phil Degree by the University of Mumbai                    |
| Ms Reshmi Gurnani  | : | Awarded M Phil Degree by the Allagappa University                    |
| Mr Vilas Gaikar    | : | Awarded M Phil Degree by the YCMOU                                   |
| Mr Kailas Awate    | : | Awarded M Phil Degree by the YCMOU                                   |
| Ms Neelam Parab    | : | Awarded M Phil Degree by the YCMOU                                   |
| Ms Bharati Valecha | : | Awarded M Phil Degree by Allagappa University                        |
| Ms Jaya Gemnani    | : | Awarded M Phil by YCMOU  |

**15. Internal resources generated:**

The college management internally generates funds through college development funds. Introduction of unaided courses, professional courses, and vocational courses helps in raising the necessary internal resources.

## 16 Community Services

- a. The N.S.S. Unit has played a key role in inculcating social concern in students. Prof. Ruby Kuriokose, NSS Program Officer has been appointed a contingent leader and represented Mumbai University at Ooty (26/02/10 – 05/03/10) with 10 students from different colleges. They won the award of best performance. Ms. Nikita Borade and Ms. Amita Sharma (S.Y.B.Sc.) attended summer National camp at Chennai (05/05/10-11/05/10).
- b. UGC - sponsored Women Studies Centre: The main highlight of the Women's Studies Center is the Adult Education Program (AEP) in collaboration with the YCMOU, under which women school drop-outs are motivated and sponsored to take up mainstream. The main highlight of the WSC is the Adult Education Program (AEP) in collaboration with the YCMOU, under which women school drop-outs are motivated and sponsored to take up mainstream education again. Following activities were conducted during 2009-10.
- c. **DEC 2009** to broadness the awareness on capabilities of disabled adults. Setting up a Stall during Chandi Utsav in association with group of disabled – exhibition cum sale of utility items such as folders, envelopes, sari/ blouse covers, paper bags etc.
- d. **FEB - MAR 2010:** Counseling and enrollment of Adult women at YCMOU – Xth batch of AEP to enhance literacy level of adult women. A Seminar on “Importance of Education” was organized to orient AEP group.
- e. **MAR 2010:** Celebration of a week long program, “An International Women's day”  
`SAMRUDDHI` . EQUAL RIGHTS, EQUAL OPPURTUNITIES, PROGRESS FOR ALL
- f. WORKSHOP, “ Earn while You learn
- g. Thalassmia detection camp
- h. Survey, “dependency among adult women”
- i. **FEB - MAR 2010:** Counseling and enrollment of Adult women at YCMOU – Xth batch of AEP To enhance literacy level of adult women
- j. GSC consistently organizes Bhajan Prabhats in the college on various occasions. The world-renowned Gandhian Center, Bombay Sarvodaya Mandal, Mumbai has been actively associated with the GSC of the college.
- k. Chandi Utsav is the annual student centric college festival, which seeks to explore the hidden talent of students in performing arts like theatre, dance, music and literature. It provides an opportunity to small-scale women entrepreneurs to exhibit and market their products. Every year the entire proceeds of Chandi Utsav are donated to Shantivan Ashram, a Home for Leprosy patients and the Aged. The College has been celebrating the Diwali Festival at Shantivan for the past six years.

1. Gaurav Diwas has been conceptualized to commemorate the spirit of the republic nature of the Indian nation, and the adoption of the Constitution of India in 1950, which confers on all of us the right to be the citizens of this free nation. On Gaurav Diwas, the college honors the living legends of India for their contribution to public life after independence.

**17. Number of teachers and Officers newly recruited.**

Number = 03+08

**18. Teaching – Non teaching staff ratio.**

Ratio = 105:125 = 0.84

**19. Improvements in the library services.**

A number of new books & Journals have been added to collection in the Library Internet facility is made available to the teachers & students in the Library.

**20. Number new books / journals subscribed and their value.**

**Additions made in the year 2009-2010**

New Books = 3619 Amount = Rs. 14, 16,501

New Journals = 126 Amount = Rs. 60,203

**21. Number of courses in which student assessment of teachers is introduced and the action taken on student feed back:**

Report of Feedback, attendance and Discipline Committee

**Feedback**

- a) Feed back from students are given to respective teachers for self-introspection and necessary corrections and implementation.
- b) The student's identity is not revealed in any manner.

**Attendance**

- a) Attendance for each and every lecture by respective teacher is taken in the class
- b) Monthly attendance record is compiled in the consolidated sheet and the list of defaulter students is displayed on the notice board by the concerned authority.
- c) Parents meeting are called for such defaulters at the end of the first term and undertakings are taken from them regarding punctuality of their wards.

- d) This procedure has helped to enhance the attendance in the class as well as the performance in their examinations.

### **Discipline**

- a) It is compulsory for each student to wear their identity card around their neck within the College Campus.
- b) In the absence of a teacher, the lectures are adjusted and taken by other colleagues. This has ensured that students do not waste their time and has also helped maintain discipline in the College.
- c) No student is allowed to loiter in the corridor, when the lectures are going on.

### **22. Unit Cost of Education.**

Amount = Rs.17,901.89/- (with staff salary)

### **23. Computerization of administration and the process of admissions and examination results, issue of certificates.**

All administrative, admission and examination processes have been computerized.

### **24. Increase in the infrastructural facilities.**

- a) The only CPCSEA-registered Animal House providing facilities for Animal Breeding and Experimentation and Botanical Garden for Horticulture Experiments was established. It is the only college in the University of Mumbai with these facilities.
- b) Internet Facility in the Physics Research Laboratory, Principal's Office, Library, Botany Research Laboratory & Administrative Office.
- c) 01 Biotechnology Laboratory

### **25. Technology up gradation.**

- a) Additional computers
- b) Up gradation of Softwares
- c) Introduction of new techniques at UG/PG level
- d) Enhancing instrumentation capacity.

**26. Computer and internet access and training to teachers and students.**

The Teachers and Non-teaching staff are encouraged to achieve computer literacy. Internet facilities are available in the College Library.

**27. Financial aid to students.**

The number of students availing themselves of the SAF and EBC facilities-330 students availed EBC. The amount spent on SAF was Rs. 2,17,785/- against the collection of Rs.2,34,500/-

**28. Activities and support from Alumni Association.**

Various alumni were contacted and they have promised to provide assistance in various forms, financially as well as by providing job opportunities to the students.

**29. Activities and support from the Parent Teacher Association.**

Some of the teachers are parents of the students and therefore an informal interaction takes place between parents & teachers and the teachers receive opinion and guidance from them.

**30. Health Services.**

- a) **PCPN DT, RCH Health initiatives** by Medical officers of UMC are carried out in CHM Campus for the students. Especially for the adolescent students Lecturers, Workshops and Seminars were held during the year 2009-10.
- b) Counseling the Adolescent students. Cultural activities for the benefit of the citizen of Ulhasnagar were performed on the Streets of Ulhasnagar in the form of Folk Art, Media and Theatre. Various lectures on the Nutrition Diet for good health were held for the knowledge, awareness and benefit of the students.
- c) **OCT 2009:** Anemia Drive for Female Students was carried out and the students who were detected Anemic were provided with medicines sponsored by UMC. Anaemia drive- Blood screening and survey on Nutritional habits among teenagers were conducted to increase awareness on the health risks posed by the Anaemia. Counseling was provided to students to prevent chaotic eating patterns in teenagers and to enhance proper growth and development of teenage groups.

- d) **DEC. 2009:** Medical camp for SCHM college staff. The camp with qualified and experienced medical practitioners conducted following tests: To check various ailments like Joint pain, Blood sugar, calcium content, Cholesterol level, obesity among staff members.
- e) **Blood Donation Camp:** College NSS unit and NCC unit jointly organized Blood Donation Camp in January,2008 Blood donation and thalassemia detection awareness programme was arranged from 8<sup>th</sup> January to 13<sup>th</sup> January. The propaganda resulted in the turn out of a good number of blood donors. The camp was arranged along with the BYL Nair Hospital Blood Bank.
- f) Camp for detection of Thalassemia and Anaemia was arranged on 7th to 11th December.

**31. Performance in sports activities.**

- c) In the academic year 2009-2010: 18 Students were selected to represent University of Mumbai in the Inter-University Tournaments, 02 students were selected to represent State of Maharashtra for National Sports events.
- d) Three students were selected to Represent India in Power Lifting, Yoga, and Fencing competitions.
- e) An increasing trend of participation has been observed: in Degree College 28 events (Men &Women) & in Junior College 25 events (Boys &Girls). Following events were organized:
  - \* Ball-Badminton - Thane District & Mumbai Division Inter School & Junior.
  - \* Handball - Thane District Inter School & Junior. (110 Teams participated.)

**Total Points at University of Mumbai -320 Gymkhana Achievements 2009-10**

| Game           | University of Mumbai Medals                        | Selected for Inter Univ. | Medals at Inter Univ. | Selected for State Tournament | Medals at State                                      | Selected for National | Medals at National                      | Selected for Inter National    | Remark   |
|----------------|--|--------------------------|-----------------------|-------------------------------|--|-----------------------|---|--------------------------------|--|
| Power Lifting  | Gold – 02  | 01                       | Bronze -01            | 04                            | Bronze 01  | 01                    | Silver – 01                             | --                             |  |
| Ball-Badminton | Silver – 10  | 03                       | --                    | 28                            | Silver-08<br>Bronze – 08                             | 03                    |   |                                | MH State Best player Award winner              |
| Athletic       | Gold – 06<br>Silver – 02                           | 00                       | --                    | 02                            | Gold - 02  | 01                    | Silver – 02                             | --                             | Won Women General Championship                 |
| Yoga           | Silver - 12  | --                       | --                    | 19                            | Gold – 02<br>Silver – 02                             | 01                    | Silver – 02                             | Participated at Inter National | Won the Gold Medal                             |
| Handball       | Silver - 16<br>Bronze – 16                         | 11                       | --                    | 12                            | --   | 00                    | --                                      | --                             |  |
| Weight Lifting | Silver - 01  | --                       | --                    | 01                            |  |                       | --                                      | --                             |  |
| Tug of War     | Bronze – 16  | --                       |                       | 16                            |  | 00                    | --                                      |                                |  |
| Fencing        | --   |                          |                       | 04                            | Gold -01<br>Bronze 01                                | 01                    | --                                      | Participated at Inter National | 4 <sup>th</sup> Rank in Jr. World Championship |
| Volleyball     | --   | --                       | --                    | 02                            |  |                       |   |                                |  |
| Netball        |  |                          |                       | 04                            |  | 00                    |   |                                |  |
| Taekwondo      |  |                          |                       | 01                            | Gold -01   | 01                    | Silver – 01                             |                                |  |
| Total          | Gold – 08<br>Silver- 41<br>Bronze –32<br>Total- 81 | 15                       | --                    | 83                            | Gold – 05<br>Silver - 10<br>Bronze – 10<br>Total- 25 | 07                    | Silver - 06<br>Bronze – 03<br>Total- 09 | 01                             |  |

### 32. Incentives of outstanding sportsperson.

#### FACILITY AND INCENTIVES FOR BETTER & HIGHER ACHIEVEMENTS:

Excellent infrastructure facilities have been provided for motivating talent. As a measure to improve the performance following measures are taken.

- a) All students who turn up for regular practice are with Diet Allowance of Rs.200/-(university level) and Rs. 300/-(state level) per month. This is provided till the date of the tournament or a maximum period of seven months.
- b) These students have been provided modern equipments for the use.
- c) To hone the skills of the budding performers we have appointed qualified coaches for Athletics, Football and Yoga. Their services are available throughout the practice session.
- d) Railway concessions are provided to students going for advanced training and or attending coaching camps in and around Bombay city limits.

### 33. Student achievements and awards:

- a) Nine Students of B.Com. (F.M.) won prizes at Inter-Collegiate Competitions.
- b) 10 students of M.Sc. Part-II Microbiology and three Post-Graduate Research students of Microbiology presented Poster at 50<sup>th</sup> International AMI Conference held at Pune.
- c) 04 students of Psychology won prizes at Inter-Collegiate Poster and Project Competition.
- d) 10 students of BCBI won prizes for WI-FI Competition, Paper Presentation.
- e) 02 students of B.M.S. won prize in National Seminar for Poster Presentation at Rajkot.
- f) **Short Film titled “MUMBAI LEGO”** edited by Mr. Rohit Pillai student of TYBMM has been selected as the Second Best Film in Dimensions Mumbai and awarded with the Silver Gateway of India and a cash prize of Rupees Fifty Thousand to the editor. The competition was conducted as a part of 11<sup>th</sup> Mumbai Film Festival (MAMI)

#### g) List of students who have secured 1<sup>st</sup> or 2<sup>nd</sup> Rank in Examination held in April, 2010

| Sr.               | Name of the Candidate | Rank                 | Percentage |
|-------------------|-----------------------|----------------------|------------|
| <u>T.Y.B.COM.</u> |                       |                      |            |
| 1.                | Kanjan Manish R.      | 1 <sup>st</sup> Rank | 90.85%     |
| 2.                | Bhatia Preeti         | 2 <sup>nd</sup> Rank | 89.85%     |
| <u>T.Y.B.A.</u>   |                       |                      |            |
| 1.                | Raney Preeti M.       | 1 <sup>st</sup> Rank | 75.33%     |
| 2.                | Nair Vineeta R.       | 1 <sup>st</sup> Rank | 75.33%     |
| 3.                | Jamnani Sonam J.      | 2 <sup>nd</sup> Rank | 71.66%     |

| <u>T.Y.B.Sc.</u> |                             |                      |        |
|------------------|-----------------------------|----------------------|--------|
| 1.               | Farooqui Firdous J.         | 1 <sup>st</sup> Rank | 85.25% |
| 2.               | Ansari Mohd. Sharique Mohd. | 2 <sup>nd</sup> Rank | 81.37% |
| <u>M.Sc.</u>     |                             |                      |        |
| 1.               | Gadhade Reshma              | 1 <sup>st</sup> Rank | 71.70% |
| 2.               | Bhawsar Mohini B.           | 2 <sup>nd</sup> Rank | 70.40% |

**34. Activities of the Guidance and Counseling Unit.**

The College has met the needs for guidance and counseling of the students and children of the teaching and Non – teaching staff through the Psychology Department.

With reference to academic matters the teachers counsel their respective students. The academic counseling focuses on a) Interest of the student, b) General awareness about the subject, and c) Career options offered by the subject.

The department of Psychology offers expert, specialized counseling. They have conducted I Q tests and offered personal counseling to many students, referred by other teachers.

The department of Psychology also organizes workshop and seminars, in which practicing psychologists are invited as Guest speakers.

**35. Placement services provided to the students.**

Large number of students has been placed in corporate, government and private sectors. Students are counseled and guided for placements by teachers who are regularly updating themselves.

**36. Development Programme for non teaching staff.**

The Computer Department helps the non-teaching staff to achieve computer proficiency. Non teaching staff are deputed to attend workshops conducted by various organizations to enhance their working skills and knowledge

**37. Any other relevant information the institution wishes to add.**

Provisional sanction under the XIth U.G.C. plan was made to Courses.

**Under the UGC Xth Plan all the accounts for utilization of grants received have been settled.**

## **Part: C**

### **Explain the plans of the institution for the next year.**

Some of the areas like PTA, Alumni, Health services, Counseling, Consultancy, Patent are done on very informal level. Therefore they will be focused during the year 2010-2011 to make their activities more professional.

### **Plan under IQAC AND QAC for the year 2010-11**

#### **1) Discipline of students:**

Maintenance of discipline has been a prime objective and it will continue to be one of the priority issues in the coming year.

#### **2) Feedback from Students:**

The next issue is the enhancement of teaching and learning standards which can be achieved through regular feed back from students and a retrospection by the teachers for improvement and betterment.

#### **3) Attendance Record:**

The system for maintaining regular attendance will be continued in the next academic year and the system may be supported by a more active PTA.

### **Add-on-Courses**

Certificate course in Travel and Tourism

### **Guidance and Counseling Centre**

Enhancing the Guidance Counseling unit under the coordination of Psychology Department.

This centre will offer its services for educational and vocational guidance to the students of neighboring institutions also. The centre will be operating with the help of ex-students of CHM colleges who are today practicing psychologists.

### **Sports**

Whenever one speaks of University sports the name that comes up first in the mind is that of Smt. Chandibai Himmatmal Mansukhani College, Ulhasnagar, Such has been the shining performance of our students.

The achievements are more pronounced in the last couple of years to the extent that our College has a unique distinction of having about 4200 students in sports merit category. To

add a feather in the cap of the College, our N. C. C. cadets too have carved out a niche in the R. D. parade.

These achievements are certainly praiseworthy, as they have been achieved without any compromise on the academic front. We are all aware that year after year the academic excellence shown by our students is inching towards the pinnacle of success.

#### **PROPOSAL PLANS: (SPORTS)**

- a) To upgrade the athletic tracks.
- b) To activate the events like shot put, javelin throw, high jump, long jump.

#### **PROPOSAL PLANS: (N. C. C.)**

- a) To upgrade the Air and Naval Wings.
- b) To provide special library Grants for N. C. C. cadets.

#### **PROPOSAL PLANS: (N. S. S.)**

The NSS unit has always been active and believes in community development programmes. Enhancement of such programmes is always the top priority and therefore the unit endeavors to include more such programmes into their schedule to create better awareness among students.

#### **CHM Alumni Association**

An active Alumni association is expected to take off with pro active members taking a keen interest in college activities as well as providing opportunities and guidance to present students

#### **Parents Teachers Association**

Parent Teachers Association on a more formal note will be a feature that will act as a support system for ensuring discipline and attendance among students.

#### **HEALTH SERVICES**

Generating awareness among staff and students with respect to various health problems is of prime importance. Following activities will be continued as well as new activities taken up.

- a) Blood Grouping – along with Blood Donation.
- b) Complete Medical Check for staff Members.
- c) Guidance & Counseling for students with special emphasis on anemia and thalassemia.

Name and Signature

Coordinators of IQAC

Name and Signature

Chairperson of QAC

1) Dr. Meena Khanna

Dr. (Mrs.) Bhavana Motwani

2) Prof. Prashant Kelkar